



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.:

Agency Interest No. 1138
Activity No.: PER20060001

Mr. John V. Casey
Operations Manager
Westlake Vinyls Company, L.P.
P.O. Box 228
Geismar, LA 70734

RE: Part 70 Operating Permit Renewal, Utilities Plant, Westlake Vinyls Company, L.P., Geismar, Ascension Parish, Louisiana

Dear Mr. Casey:

This is to inform you that the permit renewal for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2013, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and Agency Interest No. cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2008.

Permit No.: 2699-V4

Sincerely,

Chuck Carr Brown, Ph.D.
Assistant Secretary
CCB: CMM
cc: EPA Region VI

ENVIRONMENTAL SERVICES

: PO BOX 4313, BATON ROUGE, LA 70821-4313

P:225-219-3181 F:225-219-3309

WWW.DEQ.LOUISIANA.GOV

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
WESTLAKE VINYLS COMPANY, LP
GEISMAR PLANT / UTILITIES PLANT
PROPOSED PART 70 AIR OPERATING PERMIT RENEWAL

The LDEQ, Office of Environmental Services, is accepting written comments on a proposed Part 70 Air Operating Permit Renewal for Westlake Vinyls Company, LP, P.O. Box 228, Geismar, LA 70734 for the Geismar Plant, Utilities Plant. **The facility is located at 36045 Highway 30, Geismar, Ascension Parish.**

Westlake Vinyls Company, LP burns and operates the Utilities Plant, an existing chemical manufacturing facility in Geismar, LA. The facility currently operates under permit No. 2699-V3 dated July 28, 2005.

Westlake Vinyls Company requested a Part 70 Air Operating Permit Renewal for the Utilities Plant. Requirements pertaining to 40 CFR 63 Subpart DDDDD are being removed since the subpart has been vacated.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM ₁₀	8.21	8.21	-
SO ₂	0.65	0.65	-
NO _x	109.50	109.50	-
CO	90.20	90.20	-
VOC	5.90	5.90	-

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Thursday, January 3, 2008.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The application, proposed permit and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.**

Additional copies may be reviewed at the Ascension Parish Library-Gonzales Branch, 708 S. Irma Blvd, Gonzales, LA 70737 and Iberville Parish Library-East Iberville Branch, 5715 Monticello Street, St. Gabriel, LA 70776.

Inquiries or requests for additional information regarding this permit action should be directed to Mr. Corbet Mathis, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3140.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmaillistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 1138, Permit Number 2699-V4, and Activity Number PER20060001.

Scheduled Publication Date: Friday, November 30, 2007.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

UTILITIES PLANT
AGENCY INTEREST NO.: 1138
WESTLAKE VINYLS COMPANY, L.P.
GEISMAR, ASCENSION PARISH, LOUISIANA

I. Background

Westlake Vinyls Company, L.P. owns and operates the Utilities Plant, an existing chemical manufacturing facility in Geismar, Louisiana. Geismar Vinyls Company, LP (GVC) purchased the operating units and utilities system from Borden Chemicals and Plastics, Operating Limited Partnership (BCP) in December 2002. Included in the purchase was one of the three cogeneration units (Cogen II, EPN-86-01) previously covered under Permit No. 2699-V1, issued November 2, 2001. The Cogen I (EPN-84-01) and Cogen III (EPN-86-02) were permanently shut down by BCP and neither unit will resume operation at this site. GVC shutdown COGEN II with the last permit modification, Permit No. 2699-V3. The facility changed names from GVC to Westlake Vinyls Company, L.P. on June 28, 2005. Currently, the facility is operating under Permit No. 2699-V3 dated July 28, 2005.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Westlake Vinyls Company, L.P. on February 13, 2006 requesting a Part 70 operating permit renewal.

III. Description

The Utilities Plant is comprised of a steam boiler. The boiler is an Indeck, natural gas fired, water tube boiler with a rated maximum heat input of 250 MMBtu/hr, with the ability to produce up to 250,000 lbs/hr of 600 psig steam. To minimize emissions, the boiler is equipped with low NOx burners and flue gas recirculation.

Westlake Vinyls Company requests a Part 70 Permit Renewal for the Utilities Plant. Requirements pertaining to 40 CFR 63 Subpart DDDDD are being removed since the subpart has been vacated.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

UTILITIES PLANT
AGENCY INTEREST NO.: 1138
WESTLAKE VINYL COMPANY, L.P.
GEISMAR, ASCENSION PARISH, LOUISIANA

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM ₁₀	8.21	8.21	-
SO ₂	0.65	0.65	-
NO _x	109.50	109.50	-
CO	90.20	90.20	-
VOC	5.90	5.90	-

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
Formaldehyde	0.10	0.10	-
Hexane (n-)	1.93	1.93	-
Toluene	0.004	0.004	-
Total	2.034	2.034	-

IV. Type of Review

This permit was reviewed for compliance with the Louisiana Air Quality Regulations and New Source Performance Standards (NSPS). National Emission Standards for Hazardous Air Pollutants (NESHAP), Prevention of Significant Deterioration (PSD), and Non-Attainment New Source Review (NNSR) do not apply.

This facility is a major source of toxic air pollutants (TAPs), but the Utilities Plant is exempt from MACT requirements as per LAC 33:III.5105.B.3.a.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
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UTILITIES PLANT
AGENCY INTEREST NO.: 1138
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GEISMAR, ASCENSION PARISH, LOUISIANA

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on XXXXX, and in *The Gonzales Weekly*, Gonzales, on XXXXXXX, and submitted to the Ascension Parish Library on XXXXXXX. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on XXXXXXX.

VII. Effects on Ambient Air

Dispersion Model(s) Used: None

VIII. General Condition XVII Activities

ID #:	Description	Max. Operating Rate or Tank Capacity	Emissions in TPY				
			PM ₁₀	SO ₂	NO _x	CO	VOC
N/A							

IX. Insignificant Activities

ID No.:	Description	Max Rate or Tank Capacity	Citation
N/A			

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

UTILITIES PLANT

AGENCY INTEREST NO.: 1138

WESTLAKE VINYL COMPANY, L.P.

GEISMAR, ASCENSION PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III. Chapter											
		5 [▲]	9	11	13	15	2103	2104*	2107	2111	2115	2116	2141
GRP 15	Facility Wide		1										
EQT 26	Steam Boiler [03-04]			1	1	2						2	

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 -The regulations have applicable requirements which apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

UTILITIES PLANT

AGENCY INTEREST NO.: 1138
 WESTLAKE VINYL COMPANY, L.P.
 GEISMAR, ASCENSION PARISH, LOUISIANA

VIII. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61			40 CFR 63 NESHAP					40 CFR		
		A	D	Da	Db	Dc	GG	A	J	V	A	F	G	H	VV	52	64	68
GRP 15	Facility Wide	1																1
EQT 26	Steam Boiler [03-04]				1													

KEY TO MATRIX

- 1 - The regulations have applicable requirements which apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

UTILITIES PLANT

AGENCY INTEREST NO.: 1138

WESTLAKE VINYL COMPANY, L.P.

GEISMAR, ASCENSION PARISH, LOUISIANA

XI. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 26 (03-04 Steam Boiler)	NPS Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units - Standard for Sulfur Dioxide and Particulate Matter [40 CFR 60.42b and 40.43b]	DOES NOT APPLY - No coal or oil used as fuel.
	Chapter 15 - Emission Standards for Sulfur Dioxide [LAC 33:III.1503]	DOES NOT APPLY - Chapter 15 requirements do not apply to single point sources that emit or have the potential to emit less than 5 tons per year of Sulfur Dioxide as per LAC 33:III.1502.3.
	Chapter 22 - Control of Emissions of Nitrogen Oxides (NO _x) [LAC 33:III.2201]	EXEMPT - per LAC 33:III.2201.C.15 (affected point source subject to more stringent federal NO _x emission limitation. Boiler subject to 40 CFR 60 Subpart Db.)
	Chapter 51 - Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B]	EXEMPT - per LAC 33:III.5105.B.3.a (Group 1 virgin fossil fuels - natural gas used as fuel for boiler)

The above table provides explanation for both the exemption status or non-applicability of a source cited by 2 or 3 in the matrix presented in Section VII of this permit.

General Information

AI ID: 1138 Westlake Vinyls Co LP

Activity Number: PER20060001

Permit Number: 2699-V4

Air - Title V Regular Permit Renewal

Also Known As:		ID	Name	User Group	Start Date
		0180-00008	Westlake Vinyls Co LP	CDS Number	11-16-1999
		51-0370356	Federal Tax ID	Federal Tax ID	11-21-1999
		LAD003913449	Westlake Vinyls Co LP	Hazardous Waste Notification	10-07-2005
		PMT/CA	GPRA Baselines	Hazardous Waste Permitting	10-01-1997
		LAD003913449	Borden	Inactive & Abandoned Sites	11-01-1979
		LA0000281	LPDES #	LPDES Permit #	05-22-2003
		LAR10B028	LPDES #	LPDES Permit #	05-22-2003
		WP0912	LWDPS #	LWDPS Permit #	06-25-2003
		04105	LELAP #	Laboratory Services Division	02-23-2004
		2019	Permit #	Multimedia	08-25-1999
			Priority 1 Emergency Site	Priority 1 Emergency Site	07-18-2006
		GL-558	Radiation General License	Radiation License Number	04-18-2006
		G-005-11003	Site ID #	Solid Waste Facility No.	11-30-1999
		GD-005-1652	Site ID #	Solid Waste Facility No.	07-24-2001
		16892	Borden Chemical	TEMPO Merge	10-31-2000
		38776	Borden Chemicals & Plastics	TEMPO Merge	10-31-2000
		45778	Borden Chemical Division of Borden Inc	TEMPO Merge	10-31-2000
		48995	Borden Chemicals & Plastics	TEMPO Merge	10-31-2000
		83338	Borden Chemical Inc - Geismar Plant	TEMPO Merge	07-10-2001
		84810	Borden Chemical Inc - Formaldehyde Plant	TEMPO Merge	10-31-2000
		90754	Borden Chemical Inc - Formaldehyde Plant	TEMPO Merge	08-01-2001
		70734BRDNCLOUIS	TRI #	Toxic Release Inventory	07-13-2004
		1243	UST Case History Case Number	UST Case Number	11-21-1999
		878	UST Case History Case Number	UST Case Number	11-21-1999
		879	UST Case History Case Number	UST Case Number	11-21-1999
		03000824	UST Facility ID (from UST legacy data)	UST FID #	10-11-2002
Physical Location:		36045 Hwy 30 Geismar, LA 70734	Main FAX: 2256730444 Main Phone: 2256730647		
Mailing Address:		PO Box 228 Geismar, LA 707340228			
Location of Front Gate:		30° 20' 45" 71 hundredths latitude, 91° 15' 28" 1 hundredths longitude, Coordinate Method: GPS-Unspecified, Coordinate Datum: NAD83			
Related People:		Name	Mailing Address	Phone (Type)	Relationship

General Information
AI ID: 1138 Westlake Vinyls Co LP
Activity Number: PER20060001
Permit Number: 2699-V4
Air - Title V Regular Permit Renewal

Related People:

Name	Mailing Address	Phone (Type)	Relationship
John Casey	PO Box 228 Geismar, LA 707340228	jcasey@westlake.co	Responsible Official for
John Casey	PO Box 228 Geismar, LA 707340228	2256736121 (WP)	Responsible Official for
John Casey	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Responsible Official for
John Casey	PO Box 228 Geismar, LA 707340228	jcasey@westlake.co	Accident Prevention Contact for
John Casey	PO Box 228 Geismar, LA 707340228	2256736121 (WP)	Solid Waste Billing Party for
John Casey	PO Box 228 Geismar, LA 707340228	jcasey@westlake.co	Water Billing Party for
John Casey	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Water Billing Party for
John Casey	PO Box 228 Geismar, LA 707340228	2256736121 (WP)	Water Billing Party for
John Casey	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Solid Waste Billing Party for
John Casey	PO Box 228 Geismar, LA 707340228	jcasey@westlake.co	Solid Waste Billing Party for
John Casey	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Accident Prevention Contact for
John Casey	PO Box 228 Geismar, LA 707340228	2256736121 (WP)	Accident Prevention Contact for
Karen Khonsari	PO Box 228 Geismar, LA 707340228	KKHONSARI@WES	Radiation Contact For
Karen Khonsari	PO Box 228 Geismar, LA 707340228	KKHONSARI@WES	Emission Inventory Contact for
Karen Khonsari	PO Box 228 Geismar, LA 707340228	2256730647 (WP)	Emission Inventory Contact for
Karen Khonsari	PO Box 228 Geismar, LA 707340228	2256730647 (WP)	Radiation Contact For
Blake Mora	PO Box 228 Geismar, LA 707340228	2256730607 (WP)	Water Permit Contact For
Blake Mora	PO Box 228 Geismar, LA 707340228	2256730607 (WP)	Haz. Waste Billing Party for
Blake Mora	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Accident Prevention Billing Party for
Blake Mora	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Accident Prevention Billing Party for
Blake Mora	PO Box 228 Geismar, LA 707340228	2256730607 (WP)	Haz. Waste Billing Party for
Blake Mora	PO Box 228 Geismar, LA 707340228	2256730607 (WP)	Accident Prevention Contact for
Blake Mora	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Accident Prevention Contact for
Blake Mora	PO Box 228 Geismar, LA 707340228	2256730444 (WF)	Water Permit Contact For

Related Organizations:

Name	Address	Phone (Type)	Relationship
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734		Agent of Service for
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734		Radiation License Billing Party for
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734		Air Billing Party for
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734		Owns
Westlake Vinyls Co LP	PO Box 228 Geismar, LA 70734		Emission Inventory Billing Party

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 1138 - Westlake Vinyls Co LP
 Activity Number: PER20060001
 Permit Number: 2699-V4
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Utilities Plant						
EQT0026	03-04 - Indeck Steam Boiler		250 MM BTU/hr			8760 hr/yr (All Year)

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
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Relationships:**Subject Item Groups:**

ID	Group Type	Group Description
UNF0001	Unit or Facility Wide	Utilities - Utilities Plant

Group Membership:

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1540	Steam Gen. Units-Natural Gas or Comb Non-Fossil Fuels (Rated Capacity)	250	1,000 Lbs/Hr

SIC Codes:

2869	Industrial organic chemicals, nec	AI1138
4961	Steam and air conditioning supply	UNF001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1138 - Westlake Vinyls Co LP

Activity Number: PER20060001

Permit Number: 2699-V4

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx		PM10			SO2		VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Tons/Year
Utilities Plant													
EQT 0026 03-04	20.60	20.60	90.20	25.00	25.00	1.90	1.90	8.21	0.15	0.15	1.40	1.40	5.90

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1138 - Westlake Vinyls Co LP

Activity Number: PER20060001

Permit Number: 2699-V4

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0026 03-04	Formaldehyde	0.02	0.02	0.10
	Toluene	0.001	0.001	0.004
	n-Hexane	0.44	0.44	1.93
UNF 0001 Utilities	Formaldehyde			0.10
	Toluene			0.004
	n-Hexane			1.93

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

SPECIFIC REQUIREMENTS

AI ID: 1138 - Westlake Vinyls Co LP

Activity Number: PER20060001

Permit Number: 2699-V4

Air - Title V Regular Permit Renewal

EQT0026 03-04- Steam Boiler

- 1 [40 CFR 60.44b] Nitrogen oxides \leq 0.10 lb/MMBTU heat input (expressed as NO₂), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db.
 - 2 [40 CFR 60.46b(c)] Which Months: All Year Statistical Basis: Thirty-day rolling average
 - 3 [40 CFR 60.48b(b)(1)] Determine compliance with the NO_x standards in 40 CFR 60.44b through performance testing under 40 CFR 60.46b(e) or (f), or under 40 CFR 60.46b(g) or (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]
 - 4 [40 CFR 60.48b(b)(1)] Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d), except as provided in 40 CFR 60.48b(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)]
 - 5 [40 CFR 60.48b(c)] Which Months: All Year Statistical Basis: One-hour average
 - 6 [40 CFR 60.48b(e)] Nitrogen oxides recordkeeping by CMS continuously, except as provided in 40 CFR 60.48b(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)]
 - 7 [40 CFR 60.48b(f)] Operate NO_x continuous monitoring systems and record data during all periods of operation except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)]
 - 8 [40 CFR 60.49b(a)] Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NO_x and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)]
 - 9 [40 CFR 60.49b(b)] When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]
 - 10 [40 CFR 60.49b(d)] Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]
 - 11 [40 CFR 60.49b(g)] Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)]
 - 12 [40 CFR 60.49b(i)] Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period.
 - 13 [40 CFR 60.49b(o)] Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
 - 14 [40 CFR 63.6(e)(3)ii] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]
- Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]
- Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]
- The owner or operator of an affected source must develop and implement a written startup, shutdown, and malfunction plan (SSMP) that describes, in detail, procedures for operating and maintaining the source during periods of startup, shutdown, and malfunction. The SSMP must address a program of corrective action for malfunctioning processes and air pollution control equipment. [40 CFR 63.6(e)(3)ii, 40 CFR 63.6(e)(3)iii]

SPECIFIC REQUIREMENTS

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EQT0026 03-04- Steam Boiler

15 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

16 [LAC 33:III.1313.C]

UNF0001 Utilities Plant

17 [40 CFR 60.]

All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

18 [40 CFR 68.12(b)(1)]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Document that the nearest public receptor is beyond the distance to a toxic or flammable endpoint defined in 68.22. [40 CFR 68.12(b)(1)]

19 [40 CFR 68.12(b)(2)]

Complete the five-year accident history for the process as provided in 68.42. [40 CFR 68.12(b)(2)]

20 [40 CFR 68.12(b)(3)]

Ensure that response actions have been coordinated with local emergency planning and response agencies. [40 CFR 68.12(b)(3)]

21 [40 CFR 68.12(b)(4)]

Include in the RMP the certification specified in 68.12(b)(4). [40 CFR 68.12(b)(4)]

22 [40 CFR 68.150]

Submit Risk Management Plan (RMP): Due no later than June 21, 1999, or three years after the date on which a regulated substance is first listed under 68.130, or the date on which a regulated substance is first present above a threshold quantity in a process. Submit in a method and format to a central point as specified by EPA prior to June 21, 1999.

23 [40 CFR 68.155]

Provide in the RMP an executive summary that includes a brief description of the elements listed in 68.155(a) through (g).

24 [40 CFR 68.160]

Complete a single registration form and include in the RMP. Cover all regulated substances handled in covered processes. Include in the registration the information specified in 68.160(b)(1) through (13).

25 [40 CFR 68.165]

Submit in the RMP information one worst-case release scenario for each Program 1 process. Include the data specified in 68.165(b)(1) through (13).

26 [40 CFR 68.168]

Submit in the RMP the information provided in 68.42(b) on each accident covered by 68.42(a).

27 [40 CFR 68.180]

Provide in the RMP the emergency response information listed in 68.180(a) through (c).

28 [40 CFR 68.190(c)]

Submit revised registration to EPA: Due within six months after a stationary source is no longer subject to 40 CFR 68. Indicate that the stationary source is no longer covered. [40 CFR 68.190(c)]

29 [40 CFR 68.190]

Review and update the RMP as specified in 68.190(b) and submit it in a method and format to a central point specified by EPA prior to June 21, 1999.

30 [40 CFR 68.200]

Maintain records supporting the implementation of 40 CFR 68 for five years unless otherwise provided.

31 [40 CFR 68.22]

Use the endpoints specified in 68.22(a) through (g) for analyses of offsite consequences.

32 [40 CFR 68.25]

Analyze the release scenarios in 68.25, as specified in 68.25(a) through (h).

33 [40 CFR 68.28]

Identify and analyze at least one alternative release scenario for each regulated toxic substance held in a covered process(es) and at least one alternative release scenario to represent all flammable substances held in covered processes, as specified in 68.28(b) through (e).

SPECIFIC REQUIREMENTS

AI ID: 1138 - Westlake Vinyls Co LP
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UNF0001 Utilities Plant

- 34 [40 CFR 68.30] Estimate in the RMP the population within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
- 35 [40 CFR 68.33] List in the RMP environmental receptors within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
- 36 [40 CFR 68.36(b)] Submit revised RMP: Due within six months after changes in processes, quantities stored or handled, or any other aspect of the stationary source increase or decrease the distance to the endpoint by a factor of two or more. [40 CFR 68.36(b)]
- 37 [40 CFR 68.36] Review and update the offsite consequence analyses at least once every five years. Complete a revised analysis within six months if changes in processes, quantities stored or handled, or any other aspect of the stationary source might reasonably be expected to increase or decrease the distance to the endpoint by a factor of two or more.
- 38 [40 CFR 68.39] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the records specified in 68.39(a) through (e) on the offsite consequence analyses.
- 39 [40 CFR 68.42] Include in the five-year accident history all accidental releases from covered processes that resulted in deaths, injuries, or significant property damage on site, or known offsite deaths, injuries, evacuations, sheltering in place, property damage, or environmental damage. Include the information specified in 68.42(b)(1) through (10) for each accidental release.
- 40 [40 CFR 70.5(a)(1)(iii)] Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 41 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 42 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 43 [40 CFR 70.6(c)(5)(v)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 44 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.1111 or intensify an existing traffic hazard condition are prohibited.
- 45 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 46 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

SPECIFIC REQUIREMENTS

AI ID: 1138 - Westlake Vinyls Co LP

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47 [LAC 33:III.501.C.6]

48 [LAC 33:III.501.C.6]

49 [LAC 33:III.5015]

50 [LAC 33:III.5019.C]

51 [LAC 33:III.5609.A.1.b]

52 [LAC 33:III.5609.A.2.b]

53 [LAC 33:III.5609.A.3.b]

54 [LAC 33:III.5609.A]

55 [LAC 33:III.5901.A]

56 [LAC 33:III.5907]

57 [LAC 33:III.5911.C]

58 [LAC 33:III.919.D]

Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HRVOC), which include 1,3-Butadiene, Butene, cis-2-Butene, Ethylene, Propylene, Toluene, Xylene, m/p-Xylene, o-Xylene. (State Only).

Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit. (State Only).

Impact of Toxic Air Pollutant (TAP) emissions on air quality shall be below the Ambient Air Standard. Submit, by July 1st of each year, an Annual Emissions Report (TEDr) for the period of January 1st through December 31st of the previous year. [LAC 33:III.5015, LAC 33:III.5107]

Maintain Standard Operating Procedures (SOP) detailing operating procedures or parameters established by owner to ensure compliance with applicable standards.

Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert.

Activate the preplanned strategy listed in LAC 33:III.5611. Table 6 when the administrative authority declares an Air Pollution Warning.

Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 7 when the administrative authority declares an Air Pollution Emergency.

Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.

Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7.

Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.

Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.

Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division, within 60 days after the information in the submitted registration is no longer accurate.

Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]

40 CFR PART 70 GENERAL CONDITIONS

- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit. [Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

40 CFR PART 70 GENERAL CONDITIONS

- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 5. changes in emissions would not qualify as a significant modification; and

40 CFR PART 70 GENERAL CONDITIONS

6. the request is submitted no later than 12 months after commencing operation. [LAC 33.III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

40 CFR PART 70 GENERAL CONDITIONS

- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated February 13, 2006.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December

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- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
- B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
- C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
- D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

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- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.